

# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

*MPP*

Date: 18.10.23	Job No.: RD17-591-01	ADR Yes/No: N	ADR Date:	ECN #: 18- 832
Product No.: D350-591		Created By: RF	Approved By: <i>[Signature]</i>	
Product Name: Helix-Access Step		Checked By: <i>[Signature]</i>		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	
Production Planning Man. / Prod. Planner	Y	LL / MLJ	
Supply Chain Director / Senior Buyer R&D	N	RA / SH	
Production Engineering Coord.	Y	DD / JFS	
NCR / PAR / CAR / CIR / URF Coordinator	Y	SAD	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	MD / ED	
QC Coordinator	Y	PD	
Customer Support	Y	LM / JR	
Customer Technical Support	Y	MB / EL	
Marketing	N	WR	
Prod. Man. Solution Provider	Y	SL / RB	

Reason for Change: Per test fit on aircraft at Eagle

Documents Affected:  
D5496 Rev. C  
D5498 Rev. C  
MDL-D350-591 Rev. O

IF APPLICABLE: NCR: \_\_\_\_\_ PAR: \_\_\_\_\_ CAR: \_\_\_\_\_ CIR: \_\_\_\_\_ URF: 18-827  
PAPERWORK UPDATE ☐ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	RF	MDL-D350-591 Rev. O	18.10.23
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		<i>comp 18.10.24</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		<i>comp 18.10.24</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	<i>NY</i>	<i>mg</i>		<i>comp 18.10.25</i>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		<i>comp 18.10.24</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:  
 - Update BOMs and Routes  
 - Scrap D5496-1 done per Rev. B & D5498-1 done per Rev. B in stock and in new D350-591-411/-412 kits in progress.  
 - Manufacture D5496-1 Rev. C and D5498-1 Rev. C ASAP to go in D350-591-411/-412 kits.

*10 up 5109387 (181816)*  
*12 + 14 5101284 (181813)*  
*P2t O 18.11.15 18.11.27*  
*18.11.27*

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_

## Linda Lacelle

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**From:** David Duval  
**Sent:** Tuesday, October 30, 2018 9:48 AM  
**To:** Linda Lacelle; Marie Lajeunesse; Jesse White; Jason Leroux; Patrick Duval  
**Cc:** Jean-Luc Menard; Michael Lee; Victoria Seib  
**Subject:** FW: ECN 18-832  
**Attachments:** ECN18-832.pdf

Hi.

Route and bom are up dated.

Please follow the actions on the ECN and issue the necessary w/o's to finish manufacturing D350-591-411/-412 kits that are currently in production.  
Thanks.

**DAVID DUVAL**

*Production Engineering Supervisor*

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**From:** Michelle GagnonDonovan  
**Sent:** October-29-18 8:33 AM  
**To:** Daniel Paquette <dpaquette@dartaero.com>; David Duval <dduval@dartaero.com>; Eric Downing <edowning@dartaero.com>; Eric Lalande <elalande@dartaero.com>; Jean Francois Sauve <jfsauve@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>; Jennifer Renwick <jrenwick@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>; Lisa McMachen <lmcachen@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>; Marcel Daviau <mdaviau@dartaero.com>; Michael Lee <mlee1@dartaero.com>; Patrick Duval <pduval@dartaero.com>; Robert Aboud <raboud@dartaero.com>; Simon Langlois <slanglois@dartaero.com>; Steven Drouin <sdrouin@dartaero.com>; Steven Hemmerich <shemmerich@dartaero.com>; Support Eugene <support.or@dartaero.com>; Support Hawkesbury <support.on@dartaero.com>; Support San Diego <support.ca@dartaero.com>; Wesley Reid <wreid@dartaero.com>  
**Subject:** ECN 18-832

Hello All,

Please find a copy of ECN 18-832 attached.

Thank you,

**Michelle Gagnon-Donovan**  
*Document Control*

**DART AEROSPACE**  
T 1 613 632-5300 > 251



## **Linda Lacelle**

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**From:** Patrick Duval  
**Sent:** Tuesday, November 27, 2018 3:26 PM  
**To:** Linda Lacelle  
**Subject:** RE: ECN18-832

D5495-1 are at current rev.  
D5496-1 was already scrap.

Pat Duval

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**From:** Linda Lacelle <llacelle@dartaero.com>  
**Sent:** Tuesday, November 27, 2018 3:18 PM  
**To:** Patrick Duval <pduval@dartaero.com>  
**Subject:** RE: ECN18-832

Any update svp??

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**From:** Linda Lacelle  
**Sent:** Thursday, November 15, 2018 1:01 PM  
**To:** Patrick Duval <pduval@dartaero.com>  
**Subject:** ECN18-832

Are the D5495-1, D5496-1's the old rev and have to be scrapped pls?

D5495-1 – stk  
D5496-1 – at hand finish

Thx  
L